

AMENDMENTS TO THE CLAIMS

1 1. (Original) A tool adapted to finish end pieces of roofing panels comprising:
2 a table adapted to receive a roofing panel, and
3 a first notching device and a second notching device, each said notching device
4 being adapted to remove a notch from side walls of the roofing panel; wherein
5 at least one of said notching devices is movable relative to the other said
6 notching device, so that a notch formed by said first notching device can be made at a
7 different longitudinal position along a first side wall of the roofing panel relative to a
8 notch formed by said second notching device, thereby enabling variation of an angle
9 between said notch formed by said first notching device and said notch formed by said
10 second notching device.

1 2. (Original) The tool as defined in claim 1 wherein:
2 said tool further comprises a pan shear pivotally mounted on said table.

1 3. (Original) The tool as defined in claim 1 wherein:
2 said tool further comprises a hemmer pivotally mounted on said table.

1 4. (Currently amended) The tool as defined in claim 1 wherein:
2 said table comprises two side walls, at least one of said side walls having an
3 elongated opening therein to accommodate a travel ~~paths~~ path of an associated one of
4 said notching devices.

5. (Canceled)

1 6. (Original) The tool as defined in claim 1 wherein:
2 each said notcher comprises a bottom die, said bottom die comprising at least
3 one supporting projection, said supporting projection being adapted to enter an open
4 area of a female side wall of the roofing panel.

1 7. (Original) The tool as defined in claim 1 wherein:
2 each said notcher comprises a bottom die and a top die, said bottom die
3 comprising at least one supporting projection, said supporting projection being adapted
4 to enter an open area of a female side wall of the roofing panel, and said top die
5 comprising a slot to receive said supporting projection of said bottom die, so that a
6 clean cut of the side wall of the roofing panel is achieved.

1 8. (Original) The tool as defined in claim 1 wherein:
2 said hemmer comprises
3 a brake handle,
4 a brake plate,
5 a hold down, and
6 an angled panel support; wherein
7 an exposed tongue of a notched roofing panel is secured on said panel support
8 with said hold down, and pressure is applied to the tongue by means of said brake
9 handle so that the tongue is bent around a brake pivot on an end of said panel support.

1 9. (Original) The tool as defined in claim 8 wherein:
2 after an initial bending operation, the panel is repositioned on a top of said panel
3 support so that the tongue can be completely flattened.

1 10. (Original) The tool as defined in claim 8 wherein:

2 after an initial bending operation, said panel support is retracted so that said
3 brake handle can continue to apply pressure to the tongue of the panel so as to
4 completely flatten the tongue.

1 11. (Original) The tool as defined in claim 1 wherein:

2 said notchers are connected to each other through a linkage mechanism so that
3 said notchers move in unison to desired positions.

1 12. (Original) The tool as defined in claim 11 wherein:

2 said linkage mechanism comprises a plurality of link arms pivotally connected to
3 each other and to said notchers.

1 13. (Original) A tool adapted to notch a side wall of a roofing panel comprising:

2 a bottom die,

3 a top die, and

4 an actuation means to drive said bottom die and said top die toward each other;

5 wherein

6 said bottom die comprises at least one supporting projection, said supporting
7 projection being adapted to enter an open area of a female side wall of the roofing
8 panel, and

9 said top die comprises a slot to receive said supporting projection of said bottom
10 die, so that a clean cut of the side wall of the roofing panel is achieved.

1 14. (Original) The tool as defined in claim 13 wherein:
2 said tool is installed in line with a roll forming machine.

1 15. (Original) The tool as defined in claim 14 wherein:
2 said actuation means is driven by a hydraulic drive.

1 16. (Original) The tool as defined in claim 14 wherein:
2 said actuation means is driven by a pneumatic drive.

17-19. (Canceled)